

DIVISION 6 - WOOD AND PLASTICS

SECTION 06100 - ROUGH CARPENTRY

06100.0100 GENERAL

1. The work under this Section is subject to all applicable provisions of the "Bidding Requirements", the "Conditions of the Contract", "Contract Forms" and Division 1 - "General Requirements", which form a part hereof whether attached hereto or not.

06100.0200 WORK INCLUDED

1. Include all labor, materials and appliances and perform all operations in connection with the installation of all carpentry related work, complete, in strict accordance with the Contract Drawings and as specified herein or reasonably implied.
 - a. Blocking, grounds, nailing strips, wedges, centerings, wood curbs for roof openings, wood closures and members to receive flashing, etc., for the work of this Contract.
 - b. All other items of carpentry work indicated on the drawings.
 - c. All required miscellaneous rough hardware and fasteners as necessary for a complete installation.

06100.0300 RELATED WORK SPECIFIED ELSEWHERE

1. Concrete Work - Division 3.
2. Masonry - Division 4.
3. Doors and Windows - Division 8.
4. Specialties - Division 10.
5. Thermal & Moisture Protection - Division 7.

06100.0400 MATERIALS

1. General: Lumber shall conform to the requirements of the latest edition of the American Lumber Standards Simplified Practice Recommendation R-16. Grades shall conform to the grading rules of the Association having jurisdiction, and shall bear the official grade and trademark of the Inspection Bureau of the Association and a mark of mill identification. Moisture content of lumber shall not exceed 19 percent (19%).

2. Preservative Treatment: Pressure treat all lumber for exterior work, and for all wood furring, screeds and grounds, and all lumber embedded in or in contact with masonry or concrete, against decay with zinc chloride or other approved preservatives, in accordance with the standard specifications of the American Wood Preservers Association; shall be kiln dried after treatment.
3. Lumber:
 - a. Defects or blemishes shall not appear in the material used. Lumber shall be D4S, sound, thoroughly seasoned and well manufactured, and free from warp that cannot be corrected in the process of nailing or bolting.
 - b. Furring Screeds and Grounds: Western or Northern White Pine, Fir or Spruce which has been prepared and bundled by the manufacturer for those purposes.

06100.0500 VERIFICATION OF DIMENSIONS AND CONDITIONS

1. All dimensions and conditions at the building which affect the size, construction and installation of items or features provided under this Section shall be carefully checked, verified and compared with the drawings. All discrepancies and conflicts including those between different materials or installations shall be reported to the Architect in writing for correction and adjustment.
2. Consult and agree with other trades on details of construction of adjoining installations which have not yet been completed.

06100.0600 STORAGE OF LUMBER AND WOODWORK

1. Lumber for rough usage when delivered at the site shall be immediately piled in stacks to insure drainage and free circulation. Stacks shall be supported on skids, placed to give slope of not less than 1/2" per foot, the stacks with a minimum clearance of 6" above grade. Stacks shall be covered with tarpaulins or other watertight covering. Grounds and similar small sized lumber shall be stored inside the building as soon as possible after delivery.

06100.0700 TEMPORARY PROTECTION, ENCLOSURES AND PARTITIONS

1. Provide and maintain protection during the life of the Contract for all materials and work installed under this Section and for other work requiring protection.
2. Provide and maintain all temporary partitions and enclosures for doors, windows, temporary openings, and for openings to exclude rain and snow and to permit maintenance of suitable conditions and temperatures within the building for the work to be actively executed at all times.

3. Provide batten doors, complete with hinges and padlocks at all exterior door openings, and as directed and approved by the Architect.
4. Remove and dispose of, off the site, all temporary protection enclosures.

06100.0800 ROUGH HARDWARE

1. Provide all items of rough hardware of every description including nails, spikes, screws, bolts, anchors, ties, expansion shields and bolts, strap irons and other items which are required to assemble or secure the work shown or specified herein.
2. All nails, driven into the face of exposed exterior woodwork, shall be non-corrosive and such nails shall be set and putty stopped.

06100.0900 FRAMING AND BLOCKING

1. Provide blocking, etc., as shown or as obviously necessary for the various systems and items herein specified, with all bolts or nails and all gusset plates, metal attachments, and miscellaneous steel items or devices shown or necessary for rigid substantial construction and support of work indicated.
2. Conform to details shown on the drawings. Framing shall be accurately done and abutting members shall fit closely and be securely fastened together as approved.
 - a. Attaching to Masonry: Except where built-in anchors are shown or specified, members required to be attached to masonry shall be secured to same with expansion bolts extending into masonry not less than 4" or by special bolts or anchors where so shown or specified.
3. Set all members in designated positions, build plumb and true, and brace in position. Frame as shown or directed for the proper assembly of work, both concealed and within enclosed areas.

06100.1000 NAILING STRIPS FOR ROOFING AND SHEETMETAL WORK

1. Materials in general shall be dimension fir lumber or other approved species dressed to required sizes. All material where indicated as bolted, shall be secured with bolts of sizes and spacing as included therein. Furring for soffit finish shall be arranged for solid nailing at all edges and joints.
2. Include required recessing of nuts and washers, as required.
3. Provide all other required bolts and fastenings.

06100.1100 GROUND, FURRING AND SCREEDS

1. Provide all wood grounds and/or furring required for the securing in place of all finished carpentry work, interior wood finish and other items furnished by this or other contractors including trim, mouldings, finished carpentry, shelving, frames, covers, stools, aprons, etc.
2. Grounds shall be minimum 3/4" thick and as wide as may be necessary for the required purpose; securely attached with hardened nails, screws, toggle bolts or other fasteners. Grounds shall be carefully plumb, leveled and straightened by means of wood or steel wedges or blocks and where necessary shall be aligned with continuous partitions and wall surfaces.
3. Grounds and screeds shall be of dressed lumber free from wave or knots which would impair its usefulness.
4. The attention of the contractor is called to the fact that the plans do not show all the blocking nor some of the subordinate framing which will be required. This blocking and subordinate framing will be required. This blocking and subordinate framing is nevertheless to be furnished and installed under this Section.

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